

PTO/SB/21 (08-00)

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Approved for use through 10/31/2002. OMB 0651-0031


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| TRANSMITTAL FORM (to be used for all correspondence after initial filing) | Application Number | 09/857,606 |
| | Filing Date | August 2, 2001 |
| | First Named Inventor | Mats Dahlbäck |
| | Group Art Unit | 1742 |
| | Examiner Name | T. McGurthy Banks |
| Total Number of Pages in This Submission | Attorney Docket Number | 19378.0011 |

| ENCLOSURES (check all that apply) | | |
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| Remarks | | |

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

| | |
|-------------------------|---|
| Firm or Individual name | Eric J. Franklin, Reg. No. 37,134 Swidler Berlin Shereff Friedman, LLP |
| Signature |  |
| Date | August 29, 2002 |

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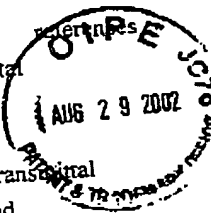
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| | |
|----------------------------|-----------------------|
| Application No. 09/857,606 | Docket No. 19578.0011 |
| Applicant: Danback et al. | Att.: E Franklin |
| Due Date: no due date | |

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Message: 09/857,606

19378.0011

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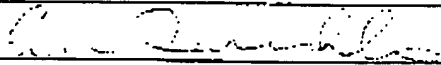
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| TRANSMITTAL FORM (to be used for all correspondence after initial filing) | Application Number | 09/857,606 |
| | Filing Date | August 2, 2001 |
| | First Named Inventor | Mats Dahlback |
| | Group Art Unit | 1742 |
| | Examiner Name | T. McGurthy Banks |
| Total Number of Pages in This Submission | Attorney Docket Number | 19378.0011 |

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| Remarks | | |

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|--|---|
| Firm or Individual name | Eric J. Franklin, Reg. No. 37,134 Swidler Berlin Shereff Friedman, LLP |
| Signature |  |
| Date | July 16, 2002 |

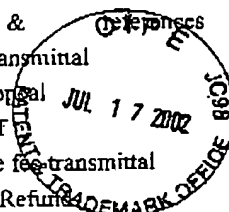
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| | |
|----------------------------|-----------------------|
| Application No. 09/857,606 | Docket No. 19378.0011 |
| Applicant: Dahlback et al. | Atty.: E Franklin |
| Due Date: August 17, 2002 | |

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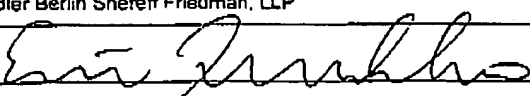
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| TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i> | Application Number | 09/857,606 |
| | Filing Date | August 2, 2001 |
| | First Named Inventor | Mats Dahlback |
| | Group Art Unit | 1742 |
| | Examiner Name | T. McGurthy Banks |
| Total Number of Pages in This Submission | Attorney Docket Number | 19378.0011 |

| ENCLOSURES (check all that apply) | | |
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| Remarks | | |

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

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| Firm or Individual name | Eric J. Franklin, Reg. No. 37,134 Swidler Berlin Shereff Friedman, LLP |
| Signature |  |
| Date | July 22, 2002 |

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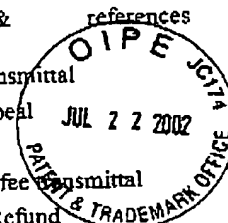
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| | |
|----------------------------|-----------------------|
| Application No. 09/257,606 | Docket No. 19578.0011 |
| Applicant: Dahlback et al. | Att.: E. Franklin |
| Due Date: no due date | |

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Dahlbäck et al.

Application No.: 09/857,606

Filed: August 2, 2001

Title: ZIRCONIUM BASED ALLOY AND COMPONENT IN A NUCLEAR PLANT

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Attorney Docket: 19378.0011

Examiner: T. McGurthy Banks

Art Unit: 1742

#9
01/17/03

Supplemental Response

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

This is in further response to the office action issued May 17, 2002.

Remarks:

With respect to the rejections under 35 U.S.C. § 102(b) and the Nomoto et al. and Nanda et al. references, the following paragraphs should replace the paragraphs included in the response filed July 17, 2002.

Nomoto et al. does not disclose the present invention since, among other things, Nomoto et al. does not disclose an alloy that includes 0.65-1.6 percent by weight of Nb. Rather, Nomoto et al. discloses an alloy that includes 0-1.0 percent by weight of Nb, as described in the "Constitution" of Nomoto et al. and as described in paragraph number 10 of the office action.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Dahlbäck et al.

Application No.: 09/857,606

Filed: August 2, 2001

Title: ZIRCONIUM BASED ALLOY AND COMPONENT IN A NUCLEAR PLANT

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Attorney Docket: 19378.0011

Examiner: T. McGurthy Banks

Art Unit: 1742

10/C
01/17/03

Second Supplemental Response

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

In further response to the office action issued May 17, 2002, please amend the above-identified application as follows::

In the Claims:

Please cancel claim 16.

Remarks:

Claims 13-15 and 17-26 are now pending in this application. Applicants have canceled claim 16. Applicants respectfully request favorable reconsideration of this application.

With respect to the present invention as characterized on page 6, paragraph 2 of the response filed July 17, 2002, the inventors have found that the corrosion resistance of an alloy is improved if the niobium content is *above* 0.65, rather than *about* as stated in the response.

With respect to the rejections under 35 U.S.C. § 102(b) and Anada et al. reference, the

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: :
: :
Dahlbäck et al. : Attorney Docket: 19378.0011
: :
Application No.: 09/857,606 : Examiner: T. McGurthry Banks
: :
Filed: August 2, 2001 : Art Unit: 1742
Title: ZIRCONIUM BASED ALLOY AND COMPONENT IN A NUCLEAR PLANT

Supplemental Response

Assistant Commissioner for Patents
Washington, DC 20231

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: :
: :
Dahlbäck et al. : Attorney Docket: 19378.0011
: :
Application No.: 09/857,606 : Examiner: T. McGurthy Banks
: :
Filed: August 2, 2001 : Art Unit: 1742
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Second Supplemental Response

Assistant Commissioner for Patents
Washington, DC 20231

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Remarks:

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With respect to the rejections under 35 U.S.C. § 102(b) and Anada et al. reference, the